

NPDES_ID	Exclude from Analysis?	Tt_Exclusions	Notes
MT0000248	No		SSC: Yellowstone River (Powder River confluence to state line)
MT0020001	No		SSC: Yellowstone River (Bighorn River confluence to state line)
MT0020028	No		FS p. 10. 7Q10 estimated based on combining 7Q10s from two upstream USGS gage stations (12344000 and 12346500) and one upstream STORET flow data estimated for a low flow year of 1973. All three flows converge to the Bitterroot River before reaching the facility.
MT0020044	No		FS p. 11. Fact Sheet references a USGS gage that's 5 miles downstream of the facility.
MT0020052	No		<p>DMRs: Reports monthly, single sample flow between 2011 and 2015. During months when criteria apply, the DMR results range between 0.18 MGD and 0.85 MGD.</p> <p>FS pp. 9-10: No 7Q10 exists for the ditch that directly receives the discharge from the WWTF, but anecdotal information indicates that the ditch has some flow above the point of discharge from the WWTF year-round. FS p. 10 talks about USGS flow measurements being done on the Teton River upstream of the City but on a different branch than the facility's discharge.</p> <p>FS p. 21: "No flow data exists for ditch Qs = 0"</p>

MT0020079	No		FS p. 6: "Further, the Department found that the unnamed tributary periodically has no flow in the area of Outfall 001." FS does not mention that the receiving water (Unnamed tributary to the Dry Fork of the Marias) as ephemeral.
MT0020125	No		FS pp. 7-8: The USGS had a gaging station (06140300) on the Milk River near Lohman approximately 10 miles upstream from the Chinook WWTP discharge point. This gaging station was discontinued in 1951, but flow data from completion of Fresno Reservoir in 1939 through 1951 most closely reflects flow conditions in the Milk River in the vicinity of the Chinook WWTF discharge point. Flow data from this gaging station was used for dilution calculations in development of the previous two permits, issued in 1996 and 2006. The calculated 7-day, 10-year low flow (7Q10) at the gaging station, used for the 2006 renewal of the permit for the Chinook WWTP is 6.4 cubic feet per second (cfs) (4.1 mgd) [SOB dated July 11, 2006]. The flow at this gaging station was regulated after 1939 by discharges from Fresno Reservoir and the 7Q10 is based on 11 years of record after completion of Fresno Reservoir. Since no additional flow data exist at the gaging station since the last permit renewal, the 7Q10 used for dilution calculations for the 2006 permit renewal will be used for this permit renewal.
MT0020141	No		
MT0020303	No		FS p. 6. 7Q10 flow estimated based on USGS flow data collected 23 miles upstream and 14 miles downstream of the facility along the Clarks Fork River.
MT0020354	No		
MT0020389	No		
MT0020451	No		FS p. 8. Current permit applies limits at the end of the pipe based on the unnamed slough's characteristics (see Fact Sheet). Apply Ecoregion 43 Level III criteria. Not located in the Ecoregion 43o polygon with Level IV criteria defined in Circular 12A (see footnote for Table 12A-1).

MT0020478	No		<p>FS p. 10-11: "The 7Q10 for Rock Creek (21 cfs) plus the estimated low flow of West Fork Rock Creek (2.5 cfs) provided by Mr. [Jim] Gruber will be used as the 7Q10 (23.5 cfs) in Rock Creek to calculate effluent limits in this permit."</p> <p>Upstream USGS gage on Rock Creek is upstream of a major confluence (West Fork Rock Creek). A USGS gage used to be in operation on West Fork Rock Creek from 1937 to 1956.</p> <p>DEQ plans to review the permit in Oct/November.</p>
MT0020516	No		<p>Facility upgraded from a two-cell aerated lagoon to a four-cell partially aerated lagoon in 2011. Analyze data only from the current permit onward.</p>
MT0020656	No		<p>FS p. 11. USGS flow gage is 25 miles upstream</p>
MT0020702	No		
MT0020753	No		<p>Apply Ecoregion 43 Level III criteria. Not located in the Ecoregion 43o polygon with Level IV criteria defined in Circular 12A (see footnote for Table 12A-1).</p>
MT0021211	No		
MT0021385	No		<p>FS p. 7: The receiving water for Outfall 001 is Big Dry Creek, USGS HUC 10040105, Basin 40D. Big Dry Creek at Jordan is best characterized as a series of pools and wetlands connected by a channel with intermittent flow (DEQ personnel and USGS topographic map).</p>
MT0021431	No		
MT0021440	No		

MT0021750	No		No upstream USGS gage in the unnamed ditch. Min ambient DMR flow is 0.5 MGD (0.774 cfs), from seasonally applicable data collected 7/10-9/10 and 7/11-9/11.
MT0021857	No		
MT0022080	No		<p>DMR: Has once per month ambient flow reported between 2005 and 2010, but flows range from no discharge to 7 MGD. During months when criteria, ambient flow data set consists of 13 No Discharges and 4 detected flows between 0.2138 MGD and 7.14 MGD.</p> <p>FS p. 10: "Based on information in the previous SOB, Highwood Creek is an intermittent stream and the seven-day average low flow of Highwood Creek which is expected to occur on average once in 10-years (7Q10) is 0 cubic feet per second (cfs). Discussion in the April 2001 SOB and other information in the file states that it is typical for Highwood Creek to go dry during the months of July and August. However, the Department has not found any documentation to substantiate this during the development of this SOB."</p>
MT0022454	No		
MT0022462	No		
MT0022535	No		
MT0022713	No		FS p. 11: "The 7-day, 10-year low flow (7Q10) of the direct receiving water, the intermittent side channel of the Bitterroot River, is zero."
MT0023566	No		
MT0028665	No		

MT0030252	No		<p>Upstream USGS gage does not have enough flow data to calculate a 7Q10 or 14Q5. Fact Sheet references ambient data for Arsenic only. Could not identify any upstream ambient stations.</p> <p>LK 7/22: Adit discharge from an inactive cyanide mine. May have RP for TN. No mention of nutrients in FS.</p>
MT0030295	No		
MT0030309	No		<p>FS p. 6: Fact Sheet doesn't mention any USGS flow gages nearby, but the previous two statements of basis established a 7Q10 of 0.5 cfs at the point of discharge.</p> <p>A downstream USGS gage 06129500 (McDonald Creek at Winnett) showed a seasonal 14Q5 flow of 0, but it's based on flow values collected 1930-1932, 1934-1935, and 1953-1956. No ambient DMR data available for flow.</p>
MT0030732	No		<p>Fact sheet references a USGS gaging station 10 miles upstream of the facility (06040000)</p>

Missing DMR Data?	Facility_Name	Excel Name	County_Name
	SIDNEY SUGARS INCORPORATED	SIDNEY SUGARS	Richland
	MILES CITY WWTP	MILES CITY	Custer
	CITY OF HAMILTON WWTP	HAMILTON	Ravalli
	LEWISTOWN WWTP	LEWISTOWN	Fergus
	CHOTEAU SEWAGE TREATMENT PONDS	CHOTEAU	Teton

	CITY OF CONRAD WWTF	CONRAD	Pondera
	CHINOOK WWTP	CHINOOK	Blaine
	CITY OF CUT BANK WWTF	CUT BANK	Glacier
	BRIDGER WWTP	BRIDGER	Carbon
	CITY OF HARLOWTON WWTF	HARLOWTON	Wheatland
	MALTA SEWAGE TREATMENT LAGOONS	MALTA	Phillips
Yes	RYEGATE WWTP	RYEGATE	Golden Valley

	RED LODGE WWTF	RED LODGE	Carbon
	WIBAUX WWTP	WIBAUX	Wibaux
	HINSDALE WWTF	HINSDALE (VALLEY)	Valley
	WINNETT WWTF	WINNETT	Petroleum
Yes	BIG TIMBER	BIG TIMBER	Sweet Grass
	CITY OF GLASGOW WWTF	GLASGOW	Valley
	JORDAN WWTF	JORDAN	Garfield
	MT BEHAVIORAL HEALTH INC WWTP	MT BEHAVIORAL	Deer Lodge
	VAUGHN WWTF	VAUGHN	Cascade

	ABSAROOKE SEWER DISTRICT - WWTP	ABSAROOKE (Stillwater	
	MANHATTAN WWTF	MANHATTAN	Gallatin
	HIGHWOOD WWTP	HIGHWOOD (CH	Chouteau
	TOWN OF BIG SANDY - WWTF	BIG SANDY	Chouteau
	DENTON WWTP	DENTON	Fergus
	CITY OF HAVRE WWTP	HAVRE	Hill
	STEVENSVILLE WWTP	STEVENSVILLE	Ravalli
	ELKHORN HEALTH CARE WWTP	ELKHORN HEALTH	Jefferson
	SUN PRAIRIE VILLAGE WWTP	SUN PRAIRIE VILL	Cascade

	TVX MINERAL HILL INC -TVX MINERAL HILL MINE	TVX MINERAL HILL	Park
	CITY OF ROUNDUP WWTP	ROUNDUP	Musselshell
	TOWN OF GRASS RANGE WWTP	GRASS RANGE	Fergus
	ENNIS WWTP	ENNIS	Madison

Facility_Type	Primary_Facility	Permit_Type	Latitude
Privately Owned Facility	Beet Sugar	NPDES Individual Permit	47.71694
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	46.42694
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	46.25389
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	47.07389
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	47.79694

Municipal or Water District	Sewerage Systems	NPDES Individual Permit	48.20444
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	48.57972
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	48.64528
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	45.29528
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	46.4275
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	48.37139
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	46.29778

Municipal or Water District	Sewerage Systems	NPDES Individual Permit	45.20827
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	46.99472
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	48.39667
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	47.005
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	45.84278
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	48.18028
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	47.31917
Privately Owned Facility	General Medical & Surgical Hospitals	NPDES Individual Permit	46.23722
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	47.54778

Municipal or Water District	Sewerage Systems	NPDES Individual Permit	45.25889
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	45.87111
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	47.58333
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	48.18111
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	47.32167
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	48.55778
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	46.51194
Privately Owned Facility	Skilled Nursing Care Facilities	NPDES Individual Permit	45.44917
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	47.53944

Privately Owned Facility	Gold Ores	NPDES Individual Permit	45.06972
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	46.45028
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	47.0425
Municipal or Water District	Sewerage Systems	NPDES Individual Permit	45.35278

Receiving Water Information		Ecoregion
Longitude	Receiving Waterbody Name	Level IV Ecoregion
-104.13556	YELLOWSTONE RIVER	43c
-105.83222	YELLOWSTONE RIVER	43c
-114.17222	BITTERROOT RIVER	17s
-109.43944	BIG SPRING CREEK	43m
-112.18056	TETON RIVER	42o

-111.9225	DRY FORK MARIAS RIVER	42o
-109.21417	MILK RIVER	42j
-112.30778	OLD MAIDS COULEE, TRIB CUT BANK CR	42o
-108.90222	CLARKS FORK YELLOWSTONE RIVER	43n
-109.80278	MUSSELSHELL RIVER	43m
-107.86917	MILK RIVER	42j
-109.23972	MUSSELSHELL R. VIA UNNAMED SLOUGH	

-109.23694	ROCK CREEK	43n
-104.18528	BEAVER CREEK	43a
-107.085	MILK RIVER	42j
-108.34	MCDONALD CREEK	43n
-109.92944	BOULDER RIVER	
-106.62417	MILK RIVER	42j
-106.89083	BIG DRY CREEK	43n
-112.77667	CLARK FORK RIVER via unnamed field irrigation ditch	17ak
-111.55639	SUN RIVER	42o

-109.44167	ROSEBUD CREEK via unnamed ditch	43s
-111.3325	DITA DITCH TO GALLATIN RIVER	17w
-110.81194	HIGHWOOD CREEK	42o
-110.1	BIG SANDY CREEK	42o
-109.93556	WOLF CREEK	43m
-109.66333	MILK RIVER	42o
-114.10389	BITTERROOT RIVER	17s
-111.98611	PRICKLY PEAR CREEK	17z
-111.48861	SUN RIVER	42o

-110.63222	BEAR CREEK	17i
-108.52389	MUSSELSHELL RIVER	43n
-108.80972	SOUTH FORK MCDONALD CREEK	43n
-111.71917	MADISON RIVER	17aa

Flow

Level IV Ecoregion Name	Level III Ecoregion	Level III Ecoregion Name	Method for Identifying Flow Gage	USGS Gage ID(s)
River Breaks	43	Northwestern Great Plains	GIS	06329500
River Breaks	43	Northwestern Great Plains	GIS	06309000
Bitterroot-Frenchtown Valley	17	Middle Rockies	Fact Sheet	12344000 + 12346500 + STORET low flow
Judith Basin Grassland	43	Northwestern Great Plains	Fact Sheet	06111500
North Central Brown Glaciated Plains	42	Northwestern Glaciated Plains	Fact Sheet	06102500

North Central Brown Glaciated Plains	42	Northwestern Glaciated Plains	Fact Sheet	None Upstream
Glaciated Northern Grasslands	42	Northwestern Glaciated Plains	Fact Sheet	06140300
North Central Brown Glaciated Plains	42	Northwestern Glaciated Plains	Fact Sheet	N/A
Central Grassland	43	Northwestern Great Plains	GIS & Fact Sheet	06207500 (up) & 06208500 (down)
Judith Basin Grassland	43	Northwestern Great Plains	GIS	06120500
Glaciated Northern Grasslands	42	Northwestern Glaciated Plains	GIS	06155500
	43	Northwestern Great Plains	Fact Sheet	N/A

Central Grassland	43	Northwestern Great Plains	Fact Sheet	06209500
Missouri Plateau	43	Northwestern Great Plains	Fact Sheet	06336500
Glaciated Northern Grasslands	42	Northwestern Glaciated Plains	Fact Sheet	06164510
Central Grassland	43	Northwestern Great Plains	GIS	06129500
	43	Northwestern Great Plains	GIS	06200000
Glaciated Northern Grasslands	42	Northwestern Glaciated Plains	Fact Sheet	06164510 (downstream)
Central Grassland	43	Northwestern Great Plains	Fact Sheet	06131000 (downstream)
Deer Lodge-Philipsburg-Avon Grassy Intermontane Hills and Valleys	17	Middle Rockies	GIS & Fact Sheet	N/A
North Central Brown Glaciated Plains	42	Northwestern Glaciated Plains	Fact Sheet	06089000

Non-calcareous foothill grassland	43	Northwestern Great Plains	DMR	
Townsend Basin	17	Middle Rockies	Fact Sheet	N/A
North Central Brown Glaciated Plains	42	Northwestern Glaciated Plains	DMR & Fact Sheet	N/A
North Central Brown Glaciated Plains	42	Northwestern Glaciated Plains	Fact Sheet	N/A
Judith Basin Grassland	43	Northwestern Great Plains	Fact Sheet	N/A
North Central Brown Glaciated Plains	42	Northwestern Glaciated Plains	Fact Sheet	06140500
Bitterroot-Frenchtown Valley	17	Middle Rockies	Fact Sheet	N/A
Tobacco Root Mountains	17	Middle Rockies	Fact Sheet	06061500 (downstream)
North Central Brown Glaciated Plains	42	Northwestern Glaciated Plains	GIS	06089000

Absaroka-Gallatin Volcanic Mountains	17	Middle Rockies	Fact Sheet	06189500
Central Grassland	43	Northwestern Great Plains	GIS	06126500
Central Grassland	43	Northwestern Great Plains	Fact Sheet	06129500 (downstream)
Dry Intermontane Sagebrush Valleys	17	Middle Rockies	Fact Sheet	

7Q10 value	7Q10 units	14Q5 value	14Q5 units	Gage Miles	Mixing Zone or Dilution Status	Method for Identifying Ambient Water Quality	Water Quality Station ID(s)
		tbd		4.8	No MZ (FS pp. 19-20)	GIS	USGS-06329500, MDEQ_WQ_WQX-Y23YELLR01
		tbd		1.5	Dilution only (FS p. 13)	GIS	MDEQ_WQ_WQX-Y17TONGR01, USGS-06308500
155	cfs	tbd				GIS	MDEQ_WQ_WQX-C05BITRR22, MDEQ_WQ_WQX-C05SLPCC01, MTWTRSHD_WQX-BITR-C05SLPCC02
83	cfs	tbd				GIS	MTWTRSHD_WQX-BSC-3, MTWTRSHD_WQX-BSC-2, MTWTRSHD_WQX-BSC-1
0	cfs	tbd			No MZ (FS p. 11)	GIS	USGS-06102500

	0cfs	N/A	N/A		No MZ (FS p. 8)	GIS & Fact Sh	None Upstream
	6.4cfs	tbd				GIS	MDEQ_WQ_WQX-M42MILKR07
	0cfs	N/A	N/A		No MZ (FS p. 11)	GIS & Fact Sh	None Upstream
100 (esti	cfs	tbd		23 (up) & 14 (down)		GIS	R8MONTWQ-CFYR-06
				2		GIS	MDEQ_WQ_WQX-M24MUSSR01
				1.5		GIS	MDEQ_WQ_WQX-M42MILKR14
	0cfs		0cfs		Apply limits at end of pipe (FS p. 8)	GIS	MDEQ_WQ_WQX-M24MUSSR05

23.5	cfs	tbd		10		GIS & Fact Sh	None Upstream
0	cfs		0	cfs		DMR	
18.9	cfs	tbd		25		GIS	MDEQ_WQ_WQX-M45MILK
tbd		tbd		1.5		GIS	MDEQ_WQ_WQX-M26MCDLC09
tbd		tbd		1		GIS	USGS-06200000, MDEQ_WQ_WQX-Y03BOLDR09
49.7	cfs	tbd				Fact Sheet	USGS-06164510 and STORET (stations not mentioned)
0	cfs		0	cfs	No MZ (FS p. 10)	Fact Sheet	None Upstream
N/A		N/A		N/A	Apply limits at end of pipe (FS pp. 9-10)	GIS & Fact Sh	N/A (end of pipe)
84	cfs	tbd				Fact Sheet	None Upstream

tbd		tbd		U		GIS	MDEQ_WQ_WQX-Y05RDLWC01
0cfs	N/A	N/A			MZ for Ammonia only (FS pp. 8-9)	Fact Sheet	None Upstream
0cfs	N/A	N/A					
0cfs	N/A	N/A			No MZ (FS p. 13)	Fact Sheet	None Upstream
0cfs	N/A	N/A			No MZ (FS p. 10)	Fact Sheet	None Upstream
0cfs	N/A	N/A			No MZ (FS p. 12)	Fact Sheet	None Upstream
21.1 (poscfs	40.2 (poscfs					GIS	MDEQ_WQ_WQX-M42MILKR09
0cfs	N/A	N/A			No MZ (FS p. 12)	GIS	MDEQ_WQ_WQX-C05BITRR24
8cfs	11.8cfs					Fact Sheet	462228112012101; 462241112014801; 462352112010201; 462512111595301; 462613111592801; 462704111591001; and 462705111590800
tbd	tbd			1.9		GIS	MDEQ_WQ_WQX-M13SUNR06 and USGS-06089000

N/A	N/A	see note			MZ for Arsenic only (FS pp. 20-21)	Fact Sheet	None Upstream
tbd		tbd		4.4		GIS	MDEQ_WQ_WQX-M25MUSSR02
0.5cfs		0cfs				GIS	MDEQ_WQ_WQX-M26MCSFC01
		1052cfs				GIS	MDEQ_WQ_WQX-M06MADNR08

Ambient Station Miles	Ambient Nitrogen (or species) present	Ambient Phosphorus (or species) present	Station(s) beyond 5 Miles?
4.8			
2.5, 4.2			
4, 6.5, 6.5			Yes
0, 0.5, 1.6			
22	TN & species	TP	Yes

N/A	N/A	N/A	
8.5	TN & species	TP	Yes
N/A	N/A	N/A	
2.5			
2			
2			
1			

N/A	N/A	N/A	
	TN & speci	TP	
0			
1.5			
1, 3.6			
	TN	TP	Yes
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	

2.5			Yes
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
2			
6			Yes
Most are <5 miles upstream, but one is >5 miles	NO3 (1976, 2000, 2001)	TP (1976)	Yes
1.9			

N/A	N/A	N/A	
4.4			
2 (downstream)			
0.8			

OBJECTID_1	NPDES_ID	Exclude from Analysis?	Tt_Exclusions
55	MT0000230	Yes	Exclude, Ephemeral Stream
117	MT0000892	Yes	Exclude, Discharges to Lake/Reservoir, Ephemeral Stream
131	MT0020338	Yes	Exclude, Ephemeral Stream
109	MT0020371	Yes	Exclude, Ephemeral Stream
12	MT0021229	Yes	Exclude, Ephemeral Stream
148	MT0021571	Yes	Exclude, Ephemeral Stream

80	MT0021636	Yes	Exclude, Ephemeral Stream
79	MT0021709	Yes	Exclude, Ephemeral Stream
18	MT0021792	Yes	Exclude, Ephemeral Stream
11	MT0023604	Yes	Exclude, Ephemeral Stream

14	MT0023965	Yes	Exclude, Ephemeral Stream
6	MT0025038	Yes	Exclude, Ephemeral Stream
135	MT0028983	Yes	Exclude, Ephemeral Stream
58	MT0029980	Yes	Exclude, Ephemeral Stream, Effluent Source
66	MT0030015	Yes	Exclude, Terminated Permit, Ephemeral Stream
65	MT0030392	Yes	Exclude, Ephemeral Stream
4	MT0031411	Yes	Exclude, Ephemeral Stream
35	MT0031488	Yes	Exclude, Ephemeral Stream
50	MTG580026	Yes	Exclude, GPCF, Ephemeral Stream

31	MT0024619	Yes	Exclude, Ephemeral Stream

Notes	Missing DMR Data?	Facility_Name
LK 7/22: Noncontact cooling water but corrosion inhibitor used. TN > NNC, however receiving water is ephemeral u/s of discharge and no mixing zone.		MONTANA SULPHUR & CHEMICAL CO
2012 FS p. 3 cites that 3 of the 5 outfalls discharge to Tongue River Reservoir and the remaining 2 outfalls discharge to Pearson Creek, which is an ephemeral stream		DECKER COAL CO (WEST MINE)
LK 7/22: 2011 Fact Sheet says Cottonwood Cr is ephemeral		TOWN OF CHESTER WWTF
2009 FS says Russell Creek is ephemeral	Yes	EKALAKA WWTF
Discharges to Ephemeral drainages that go to intermittent. In progress at DEQ; Determined NO RP	Yes	WESTMORELAND RESOURCES INC - ABSALOKA MINE
<p>Is located in the Ecoregion 43o polygon with applicable WQS defined in Circular 12A (see footnote for Table 12A-1).</p> <p>FS p. 7: "The Belt WWTF discharges treated effluent to B & M Coulee, a tributary to Belt Creek. B & M Coulee is ephemeral in nature. Because of the discharge from the Belt WWTF, B & M Coulee contains treated effluent for the approximately 0.1 mile above its confluence with Belt Creek. It is not known whether or not the wetted portion of B & M Coulee that results from the Belt WWTF discharge, actually reaches Belt Creek on a year-round basis. Belt Creek below Otter Creek to the Missouri River is classified as B-2 according to Montana Water Use Classifications [ARM 17.30.610(l)(c)(ii)]. However, B & M Coulee is classified as B-1 according to Montana Water Use Classifications [ARM 17.30.610(1)(c)(iii)]."</p>		TOWN OF BELT - WWTP

FS p.7 : "A July 20, 2012 site visit by DEQ staff confirmed that the receiving water infiltrates into the ground and does not flow into the Judith River except during significant precipitation events. Considering the evidence the water in the unnamed man-made ditch does not reach the Judith River and water qualitybased effluent limits (WQBELs) will not be applied during this permit renewal due to the ephemeral nature of the ditch."		HOBSON SEWAGE TREATMENT PLANT
LK, 7/22: Fact Sheet says receiving water is ephemeral trib to Yellowstone. SSC: Yellowstone River (Bighorn River confluence to state line)	Yes	HYSHAM WWTP
FS p. 6: "The unnamed tributary to Bullhead Creek is historically an ephemeral stream. However, since the Valier WWTF discharges continuously, the unnamed tributary to Bullhead Creek is not considered an ephemeral stream in the reach that is wetted by the Valier WWTF discharge. The wetted reach obviously varies with ambient weather and moisture conditions as well as variations in the level of discharge from the WWTF. Since both the unnamed tributary and Bullhead Creek are reportedly dry at certain times during a typical year, a viable fishery and associated aquatic life are assumed to not be present, at least not in the unnamed tributary to Bullhead Creek."		TOWN OF VALIER WWTF
FS p. 3, "Peabody and Garden Coulees are ephemeral drainages which are tributary to the Yellowstone River, located approximately 5 miles downstream."		WESTMORELAND SAVAGE CORP - SAVAGE MINE

p. 18: "Since all receiving streams are ephemeral, ARM 17.30.637(6) is applicable to this permit. Ephemeral streams are not subject to the specific water quality standards for C-3 waters as specified in ARM 17.30.629."		WESTERN ENERGY CO - ROSEBUD MINE
LK 7/22: FS says borrow ditch is ephemeral		WILLOW CREEK SEWER DISTRICT
p. 13: "Ephemeral streams are subject to ARM 17.30.635 through 17.30.637, 17.30.640, 17.30.641, 17.30.645, and 17.30.646 but not to the specific water quality standards of ARM 17.30.620 through 17.30.629."		BULL MOUNTAIN MINE #1
LK 7/22: 2014 FS says Spring Coulee is ephemeral and it's a drinking water plant	Yes	MONTANA AVIATION RESEARCH CO
		M & W MILLING & REFINING INC
	Yes	M&K OIL COMPANY - WRIGHT CREEK WATER DISPOSAL FACILITY
p. 9: "Ephemeral streams are not subject to the specific water quality standards for C-3 waters as specified in ARM 17.30.629."		WOLF MOUNTAIN COAL
p. 12: "Based on the previous permit record and a December 2013 site visit by DEQ, Medicine Rock Coulee above Outfall 001 is an ephemeral stream as defined in ARM 17.30.602(10). ARM 17.30.637(4) states that treatment requirements from discharges to ephemeral streams must be no less than the minimum treatment requirements set forth in ARM 17.30.635 through 17.30.637, 17.30.640, 17.30.641, 17.30.645, and 17.30.646, but not to the specific water quality standards of ARM 17.30.620 through 17.30.629."		CITY OF SHELBY WWTP
		s

Fact Sheet wasn't available from what was sent in June, but I found a fact sheet for the facility's 2014 permit modification on the DEQ website, and they mentioned that the two of their outfalls discharging to ephemeral streams, 001 and 002. The facility has six outfalls to monitor for in their permit (001, 002, 014, 015, 016, and 017), but 001 and 002 are the only outfalls reporting DMR data to ICIS.

SPRING CREEK MINE

Excel Name	County_Name	Facility_Type	Primary_Facility
MONTANA SULPHUR	Yellowstone	Privately Owned Facility	Industrial Inorganic Chemicals
DECKER COAL CO	Big Horn	Privately Owned Facility	Bituminous Coal And Lignite Surface
CHESTER	Liberty	Municipal or Water District	Sewerage Systems
EKALAKA	Carter	Municipal or Water District	Sewerage Systems
WESTMORELAND	Big Horn	Privately Owned Facility	Bituminous Coal And Lignite Surface
BELT	Cascade	Municipal or Water District	Sewerage Systems

HOBSON	Judith Basin	Municipal or Water District	Sewerage Systems
HYSHAM	Treasure	Municipal or Water District	Sewerage Systems
VALIER	Pondera	Municipal or Water District	Sewerage Systems
WESTMORELAND	Richland	Privately Owned Facility	Bituminous Coal And Lignite - Surface

WESTERN ENERGY	Rosebud	Privately Owned Facility	Bituminous Coal And Lignite Surface
WILLOW CREEK (GALLATIN)	Gallatin	Municipal or Water District	Sewerage Systems
BULL MOUNTAIN	Musselshell	Privately Owned Facility	Bituminous Coal And Lignite Surface
MONTANA AVIATION	Valley	Privately Owned Facility	Water Supply
M & W MILLING	Madison	Privately Owned Facility	Gold Ores
M&K OIL COMPANY	Powder River	Privately Owned Facility	Crude Petroleum And Natural Gas
WOLF MOUNTAIN	Big Horn	Privately Owned Facility	Bituminous Coal And Lignite Surface
SHELBY	Toole	Municipal or Water District	Sewerage Systems
OUTLOOK (SHERIDAN)	Sheridan	Municipal or Water District	Sewerage Systems

SPRING CREEK M	Big Horn	Privately Owned Facility	Bituminous Coal And Lignite Surface
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Permit_Type	Latitude	Longitude
NPDES Individual Permit	45.81444	-108.42722
NPDES Individual Permit	45.04833	-106.83
NPDES Individual Permit	48.51444	-110.96028
NPDES Individual Permit	45.89056	-104.56778
NPDES Individual Permit	45.80639	-107.0775
NPDES Individual Permit	47.39417	-110.9225

NPDES Individual Permit	47.00111	-109.86528
NPDES Individual Permit	46.2925	-107.26139
NPDES Individual Permit	48.31583	-112.23778
NPDES Individual Permit	47.38417	-104.43583

NPDES Individual Permit	45.84583	-106.55889
NPDES Individual Permit	45.82972	-111.6425
NPDES Individual Permit	46.27761	-108.43675
NPDES Individual Permit	48.3975	-106.51583
NPDES Individual Permit	45.28722	-111.96361
NPDES Individual Permit	45.16806	-105.23528
NPDES Individual Permit	45.137	-106.88542
NPDES Individual Permit	48.48333	-111.83472
General Permit Covered Fac	48.87667	-104.76306

NPDES Individual Permit	45.11556	-106.89194

Receiving Waterbody Name	MT_ECO_	MT_ECO_ID	Level IV Ecoregion
DRY CREEK	152	210	43n
TONGUE RIVER RESERVOIR	352	215	43q
COTTONWOOD CREEK	22	2328	42o
RUSSELL CREEK	157	2462	43n
SARPY CREEK DRAINAGE	258	238	43p
BELT CREEK	159	2465	43o

UNNAMED DRAINAGE OF JUDITH RIVER	156	212	43m
Ephemeral Tributary to YELLOWSTONE RIVER	198	221	43e
UNNAMED TRIB TO BULLHEAD CREEK	22	2328	42o
YELLOWSTONE R VIA COULEES	48	2349	42i

SEVERAL STREAMS AND CREEKS	258	238	43p
UNNAMED IRRIGATION DITCH	184	2489	17w
REHDER CREEK	224	227	43p
E. FORK CHERRY CK VIA SPRING COULEE	32	194	42j
EPHEMERAL TRIB TO ALDER GULCH	278	2579	17ab
UN-NAMED EPHEMERAL TRIB TO BELLE CK	157	2462	43n
SOUTH FORK MONUMENT CREEK	352	215	43q
MEDICINE ROCK COULEE	22	2328	42o
EPHEMERAL TRIB TO PLENTYWOOD CREEK	63	2363	42k

UNNAMED TRIB TO SPRING CREEK	352	21543q	
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Level IV Ecoregion Name	Level III Ecoregion	Level III Ecoregion Name
Central Grassland	43	Northwestern Great Plains
Mesic Dissected Plains	43	Northwestern Great Plains
North Central Brown Glaciated Plains	42	Northwestern Glaciated Plains
Central Grassland	43	Northwestern Great Plains
Ponderosa Pine Forest-Savanna Hills	43	Northwestern Great Plains
Unglaciated Montana High Plains	43	Northwestern Great Plains

Judith Basin Grassland	43	Northwestern Great Plains
Sagebrush Steppe	43	Northwestern Great Plains
North Central Brown Glaciated Plains	42	Northwestern Glaciated Plains
Glaciated Dark Brown Prairie	42	Northwestern Glaciated Plains

Ponderosa Pine Forest-Savanna Hills	43	Northwestern Great Plains
Townsend Basin	17	Middle Rockies
Ponderosa Pine Forest-Savanna Hills	43	Northwestern Great Plains
Glaciated Northern Grasslands	42	Northwestern Glaciated Plains
Dry Gneissic-Schistose-Volcanic Hills	17	Middle Rockies
Central Grassland	43	Northwestern Great Plains
Mesic Dissected Plains	43	Northwestern Great Plains
North Central Brown Glaciated Plains	42	Northwestern Glaciated Plains
Coteau Lakes Upland	42	Northwestern Glaciated Plains

Mesic Dissected Plains	43	Northwestern Great Plains
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OBJECTID_1	NPDES_ID	Exclude from Analysis?	Meet End-of-pipe assumptions	No RP	Permit out for Review	Nutrient Limits in Permit
142	MT0000019	Yes		X		
76	MT0000094	Yes		X		
56	MT0000191	Yes	X			
8	MT0020133	Yes				
68	MT0020168	Yes		X		
9	MT0020184	Yes				
75	MT0020249	Yes			X	
2	MT0020460	Yes			X	
10	MT0020699	Yes	X			
128	MT0020796	Yes	X			
87	MT0021270	Yes				X
114	MT0021458	Yes	X			
15	MT0021733	Yes		X		

73	MT0021938	Yes	X			
134	MT0022012	Yes	X			
111	MT0022560	Yes	X			
59	MT0022594	Yes				
139	MT0022608	Yes	X			
116	MT0022616	Yes	X			
83	MT0022641	Yes	X			
141	MT0023078	Yes			X	
140	MT0023639	Yes	X			
28	MT0024716	Yes			X	
29	MT0026808	Yes			X	
40	MT0027430	Yes	X			
149	MT0027821	Yes	X			
67	MT0028584	Yes			X	
19	MT0028797	Yes	X			
150	MT0029891	Yes			X	
154	MT0030031	Yes				
155	MT0030147	Yes		X		
53	MT0030279	Yes			X	
43	MT0030350	Yes	X			
93	MT0030601	Yes				X

DEQ Working on / Renewed Permit	Permit Terminated	Tt_Exclusions	Notes	Missing DMR Data?
		Exclude, No RP	Permit in progress and no RP.	
		Exclude, No RP	LK 7/22: Appears to be cooling water discharge but it received a WLA for TP as part of the VNRP (nutrient TMDLs for the Clark Fork River). Because of that, there are TN and TP monitoring requirements in the permit, so there should be monitoring data. Although they have a TP WLA, which they have been meeting, so they shouldn't need a variance for that, I don't know what the story is for TN. Since they have monitoring data and a TP WLA, I would like that facility included in the analysis. Although there is a TP WLA, please do the analysis for both TP and TN. Based on their discharge, I'm doubtful there will be RP.	
		Exclude, Meet End-of-Pipe Assumptions	WLA established in TMDL	
X		Exclude, DEQ Working on / Renewed Permit	MDEQ reviewing the permit. Facility plans to land apply.	
		Exclude, No RP	No RP.	
X		Exclude, DEQ Working on / Renewed Permit	Nutrient WQBEL determined.	
		Exclude, Permit out for review		
		Exclude, Permit out for review		
		Exclude, Meet End-of-Pipe Assumptions	Irrigation Ditch; WLA established in TMDL ?	
		Exclude, Meet End-of-Pipe Assumptions	WLA established in TMDL	
		Exclude, Nutrient Limits in Permit	Permit includes TN and TP limits	
		Exclude, Meet End-of-Pipe Assumptions	WLA established in TMDL (LISA?)	
		Exclude, No RP	DEQ just finalized the permit. SSC: Yellowstone River (Powder River confluence to state line)	

		Exclude, Meet End-of-Pipe Assumptions	WLA established in TMDL	
		Exclude, Meet End-of-Pipe Assumptions	WLA established in TMDL	
		Exclude, Meet End-of-Pipe Assumptions	WLA established in TMDL	
		X		
		Exclude, Meet End-of-Pipe Assumptions	WLA established in TMDL. SSC: East Gallatin River, between Bridger Creek and Hyalite Creek confluences	
		Exclude, Meet End-of-Pipe Assumptions	WLA established in TMDL	
		Exclude, Meet End-of-Pipe Assumptions	WLA established in TMDL	
		Exclude, Permit out for review		
		Exclude, Meet End-of-Pipe Assumptions	WLA established in TMDL	
		Exclude, Permit out for review		
		Exclude, Permit out for review		
		Exclude, Meet End-of-Pipe Assumptions	WLA established in TMDL	
		Exclude, Meet End-of-Pipe Assumptions	permit renewed in 2014	
		Exclude, Permit out for review, Ephemeral Stream (Outfall 001 only).	Johnny Gulch (Outfall 001) is ephemeral; Ruby Creek Irrigation Drain (Outfalls 002 and 003) has applicable WQS (Class B-1)	
		Exclude, Meet End-of-Pipe Assumptions	Irrigation Ditch; permit renewed in 2014.	
		Exclude, Permit out for review		
	X	Exclude, Terminated Permit	LK 7/22: Treated adit discharge. No mention of nutrients in FS. May have RP for TN.	Yes
		Exclude, No RP	LK 7/22: TP and ammonia data in FS from 2004-2008. No additional monitoring required	
		Exclude, Permit out for review		
		Exclude, Meet End-of-Pipe Assumptions	WLA established in TMDL	
		Exclude, Nutrient Limits in Permit	Not far from confluence to main stem Flathead River; meeting 2 mg/L TN	
		Exclude, Meet End-of-	SSC: Flint Creek; WLA established in	

Facility_Name	Excel Name
BN WHITEFISH FACILITY	BN WHITEFISH FACILITY
JOHN R DAILY INC	JOHN R DAILY INC
MONTANA RESOURCES	MONTANA RESOURCES
WHITEHALL WWTF	WHITEHALL
LOLO WWTP	LOLO (MISSOULA CO. RSID 901)
CITY OF WHITEFISH WWTF	WHITEFISH
JOLIET WWTP	JOLIET
YELLOWSTONE BOYS & GIRLS RANCH	YELLOWSTONE BOYS & GIRLS RANCH
WHITE SULPHUR SPRINGS WWTY	WHITE SULPHUR SPRINGS
TOWN OF CIRCLE WWTP	CIRCLE
CITY OF HARLEM - WWTP	HARLEM
CITY OF DILLON WWTF	DILLON
WEST GLENDIVE WWTP	WEST GLENDIVE

CITY OF KALISPELL WWTP	KALISPELL
BUTTE-SILVER BOW WWTP	BUTTE (SILVER-BOW METRO SID NO. 1)
EAST HELENA WWTF	EAST HELENA
CITY OF MISSOULA WWTP	MISSOULA
CITY OF BOZEMAN WWTP	BOZEMAN
DEER LODGE WWTP	DEER LODGE
CITY OF HELENA WWTP	HELENA
TOWN OF BOULDER WWTF	BOULDER
BOULDER HOT SPRINGS WWTP	BOULDER HOT SPRINGS WWTP
STILLWATER MINING COMPANY	STILLWATER MINING COMPANY
STILLWATER MINING COMPANY	STILLWATER MINING COMPANY
ROCKER WWTP	ROCKER (CW&SD)
BEAVERHEAD TALC MINE	BEAVERHEAD TALC MINE
LUZENAC AMERICA INC - YELLOWSTONE MINE	LUZENAC AMERICA INC - YELLOWSTONE MINE
TWIN BRIDGES WWTF	TWIN BRIDGES
BARRETTS MINERALS INC	BARRETTS MINERALS INC
ASARCO - METG- MIKE HORSE ANACONDA MINE WATER TREATMENT SYSTEM	ASARCO LLC - MIKE HORSE/ANACONDA MINE WATER TREATMENT SYSTEM
ASARCO - METG - EAST HELENA SMELTER	ASARCO INC
MONTANORE MINERALS CORP MONTANORE MINE	MONTANORE MINERALS CORP MONTANORE MINE
REC ADVANCED SILICON MATERIALS LLC	REC ADVANCED SILICON MATERIALS LLC
LAKE MCDONALD WWTP - GLACIER NATIONAL PARK	GLACIER PARK HDQTRS APGAR NPS

County_Name	Facility_Type	Primary_Facility	Permit_Type
Flathead	Privately Owned Facility	Railroads, Line-Haul Operating	NPDES Individual Permit
Missoula	Privately Owned Facility	Sausages And Other Prepared Meats	NPDES Individual Permit
Silver Bow	Privately Owned Facility	Copper Ores	NPDES Individual Permit
Jefferson	Municipal or Water District	Sewerage Systems	NPDES Individual Permit
Missoula	Municipal or Water District	Sewerage Systems	NPDES Individual Permit
Flathead	Municipal or Water District	Sewerage Systems	NPDES Individual Permit
Carbon	Municipal or Water District	Sewerage Systems	NPDES Individual Permit
Yellowstone	Privately Owned Facility	Sporting And Recreational Camps	NPDES Individual Permit
Meagher	Municipal or Water District	Sewerage Systems	NPDES Individual Permit
McCone	Municipal or Water District	Sewerage Systems	NPDES Individual Permit
Blaine	Municipal or Water District	Sewerage Systems	NPDES Individual Permit
Beaverhead	Municipal or Water District	Sewerage Systems	NPDES Individual Permit
Dawson	Municipal or Water District	Sewerage Systems	NPDES Individual Permit

Flathead	Municipal or Water District	Sewerage Systems	NPDES Individual Permit
Silver Bow	Municipal or Water District	Sewerage Systems	NPDES Individual Permit
Lewis and Clark	Municipal or Water District	Sewerage Systems	NPDES Individual Permit
Missoula	Municipal or Water District	Sewerage Systems	NPDES Individual Permit
Gallatin	Municipal or Water District	Sewerage Systems	NPDES Individual Permit
Powell	Municipal or Water District	Sewerage Systems	NPDES Individual Permit
Lewis and Clark	Municipal or Water District	Sewerage Systems	NPDES Individual Permit
Jefferson	Municipal or Water District	Sewerage Systems	NPDES Individual Permit
Jefferson	Privately Owned Facility	Sewerage Systems	NPDES Individual Permit
Stillwater	Privately Owned Facility	Copper Ores	NPDES Individual Permit
Sweet Grass	Privately Owned Facility	Metal Ores	NPDES Individual Permit
Silver Bow	Municipal or Water District	Sewerage Systems	NPDES Individual Permit
Madison	Privately Owned Facility	Miscellaneous Nonmetallic Minerals	NPDES Individual Permit
Madison	Privately Owned Facility	Miscellaneous Nonmetallic Minerals	NPDES Individual Permit
Madison	Municipal or Water District	Sewerage Systems	NPDES Individual Permit
Beaverhead	Privately Owned Facility	Miscellaneous Nonmetallic Minerals	NPDES Individual Permit
Lewis and Clark	Privately Owned Facility	Lead And Zinc Ores	NPDES Individual Permit
Lewis and Clark	Privately Owned Facility	Primary Nonferrous Metals	NPDES Individual Permit
Lincoln	Privately Owned Facility	Silver Ores	NPDES Individual Permit
Silver Bow	Privately Owned Facility	Primary Nonferrous Metals	NPDES Individual Permit
Flathead	Federal Facility (U.S. Government)	Sewerage Systems	NPDES Individual Permit

Latitude	Longitude	Receiving Waterbody Name	MT_ECO _	MT_ECO _ID	Level IV Ecoregio n
48.41417	-114.34028	WHITEFISH RIVER	5	2309	15t
46.88389	-114.03611	CLARK FORK RIVER	145	2448	17s
46.00722	-112.5025	SILVER BOW CREEK	232	2534	17aa
45.85972	-112.07889	BIG PIPESTONE CR	184	2489	17w
46.775	-114.07167	BITTERROOT RIVER	145	2448	17s
48.39194	-114.32556	WHITEFISH RIVER	37	2339	15c
45.48667	-108.96194	ROCK CREEK	152	2104	43n
45.73861	-108.70194	CANYON CREEK	152	2104	43n
46.54147	-110.91655	UNNAMED IRRIGATION DITCH S FORK SMITH RIVER	189	2184	3t
47.41944	-105.57306	REDWATER RIVER	168	2475	43a
48.50667	-108.78306	MILK RIVER	32	1944	2j
45.23556	-112.61694	BEAVERHEAD RIVER	232	2534	17aa
47.11528	-104.72806	YELLOWSTONE RIVER	142	5787	43c

48.175	-114.3075	ASHLEY CREEK	37	2339	15c
45.99652	-112.5632	SILVERBOW CREEK	232	2534	17aa
46.60361	-111.92111	PRICKLY PEAR CRK	184	2489	17w
46.87944	-114.04222	CLARK FORK RIVER	145	2448	17s
45.72278	-111.06778	EAST GALLATIN RIVER	184	2489	17w
46.42639	-112.74139	CLARK FORK RIVER	170	2477	17ak
46.61778	-112.00389	PRICKLY PEAR CREEK	184	2489	17w
46.22528	-112.10667	BOULDER RIVER	184	2489	17w
46.19917	-112.09139	LITTLE BOULDER RIVER	184	2489	17w
45.38944	-109.87556	STILLWATER RIVER	293	249	17l
45.5	-110.08333	EAST BOULDER RIVER	293	249	17l
46.00556	-112.62389	SILVER BOW CREEK	232	2534	17aa
45.22806	-112.30806	UNNAMED TRIB MIDDLE FORK STONE CK.	278	2579	17ab
45.07361	-111.72972	JOHNNY GULCH CREEK - WEST & EAST	278	2579	17ab
45.55444	-112.325	BAYERS IRR DITCH VIA JEFFERSON RIV	232	2534	17aa
45.22944	-112.30833	LEFT FORK STONE CREEK	278	2579	17ab
47.03444	-112.35722	MIKE HORSE CK & BLACKFOOT RIVER	141	2441	17x
46.58444	-111.91972	PRICKLY PEAR CREEK	184	2489	17w
48.10139	-115.57333	LIBBY CREEK & ALLUVIAL GROUNDWATER	2	2302	15q
45.9725	-112.68972	SILVER BOW CREEK VIA SHEEP GULCH	232	2534	17aa
48.51086	-114.00067	MIDDLE FORK OF FLATHEAD RIVER	8	2312	41c

Level IV Ecoregion Name	Level III Ecoregion	Level III Ecoregion Name
Stillwater-Swan Wooded Valley	15	Northern Rockies
Bitterroot-Frenchtown Valley	17	Middle Rockies
Dry Intermontane Sagebrush Valleys	17	Middle Rockies
Townsend Basin	17	Middle Rockies
Bitterroot-Frenchtown Valley	17	Middle Rockies
Flathead Valley	15	Northern Rockies
Central Grassland	43	Northwestern Great Plains
Central Grassland	43	Northwestern Great Plains
Shield-Smith Valleys	43	Northwestern Great Plains
Missouri Plateau	43	Northwestern Great Plains
Glaciated Northern Grasslands	42	Northwestern Glaciated Plains
Dry Intermontane Sagebrush Valleys	17	Middle Rockies
River Breaks	43	Northwestern Great Plains

Flathead Valley	15	Northern Rockies
Dry Intermontane Sagebrush Valleys	17	Middle Rockies
Townsend Basin	17	Middle Rockies
Bitterroot-Frenchtown Valley	17	Middle Rockies
Townsend Basin	17	Middle Rockies
Deer Lodge-Philipsburg-Avon Grassy Intermontane Hills and Valleys	17	Middle Rockies
Townsend Basin	17	Middle Rockies
Townsend Basin	17	Middle Rockies
Townsend Basin	17	Middle Rockies
Gneissic-Schistose Forested Mountains	17	Middle Rockies
Gneissic-Schistose Forested Mountains	17	Middle Rockies
Dry Intermontane Sagebrush Valleys	17	Middle Rockies
Dry Gneissic-Schistose-Volcanic Hills	17	Middle Rockies
Dry Gneissic-Schistose-Volcanic Hills	17	Middle Rockies
Dry Intermontane Sagebrush Valleys	17	Middle Rockies
Dry Gneissic-Schistose-Volcanic Hills	17	Middle Rockies
Rattlesnake-Blackfoot-South Swan-Northern Garnet-Sapphire Mountains	17	Middle Rockies
Townsend Basin	17	Middle Rockies
Purcell-Cabinet-North Bitterroot Mountains	15	Northern Rockies
Dry Intermontane Sagebrush Valleys	17	Middle Rockies
Western Canadian Rockies	41	Canadian Rockies
Deer Lodge-Philipsburg-Avon Grassy Intermontane Hills and		